

**This Page Is Inserted by IFW Operations
and is not a part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- **BLACK BORDERS**
- **TEXT CUT OFF AT TOP, BOTTOM OR SIDES**
- **FADED TEXT**
- **ILLEGIBLE TEXT**
- **SKEWED/SLANTED IMAGES**
- **COLORLED PHOTOS**
- **BLACK OR VERY BLACK AND WHITE DARK PHOTOS**
- **GRAY SCALE DOCUMENTS**

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

Please type a plus sign (+) inside this box → ☐

8 BT 2153
10.9.03

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	Application Number	09/899,539
	Filing Date	Jul 06, 2001
	First Named Inventor	Ebbo
	Group Art Unit	2153
	Examiner Name	BURGESS, GLENTON B.
Total Number of Pages in This Submission		1,229
Attorney Docket Number		MS1-1586US

RECEIVED
DEC 04 2003
Technology Center 2-00

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) Sheets	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form 1449 & copies of cited References; Return Receipt Postcard
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Customer Number 22801	

RECEIVED
DEC 08 2003
TC 2100

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Richard J. Holzer, Jr.; 42,668
Signature	
Date	11-25-03

RECEIVED
DEC 08 2003

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: Nov. 25, 2003	
Printed name	Hope A. Charles
Signature	
Date	November 25, 2003

Warning: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20503. END FEES OR COMPLETED FORMS TO THIS ADDRESS.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. 09/899,539
Filing Date July 6, 2001
Inventorship Ebbo, et al
Applicant Microsoft Corporation
Attorney's Docket No. MS1-1586US
Title: Partial Page Output Caching

RECEIVED

DEC 04 2003

INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

Technology Center 2100

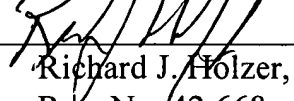
REMARKS

With regard to the above-identified application, the documents listed on the enclosed Form 1449 are brought to the attention of the Examiner. A copy of each document listed on the enclosed Form 1449 is provided. Consideration of the listed documents is respectfully requested. Additionally, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

No representation is made that any of the documents listed in the enclosed Form 1449 constitute prior art or are in any way material to the subject matter of the above-identified application

Respectfully Submitted,

Date: 10-25-03

By: 
Richard J. Holzer, Jr.
Reg. No. 42,668



Please type a plus sign (+) inside this box → ☐

+

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	09/899,539	
			Filing Date	07/06/2001	
			First Named Inventor	Ebbo	
			Group Art Unit	2153	
Examiner Name	Burgess, Glenton B.				
Attorney Docket Number	MS1-1586US				
Sheet	1	of	5		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		5,812,996		Rubin, et al.	08-22-1998	
		5,897,622		Blinn, et al.	04-27-1999	
		5,940,075		Mutschler, III, et al.	07-17-1999	
		5,953,524		Meng, et al.	08-14-1999	
		5,983,227		Nazem, et al.	11-09-1999	
		5,991,802		Allard, et al.	12-23-1999	
		6,032,207		Wilson	02-29-2000	
		6,108,717		Kimura, et al.	07-22-2000	
		6,185,608		Hon, et al.	02-06-2001	
		6,253,228		Ferris, et al.	06-26-2001	
		6,351,767		Batchelder, et al.	02-26-2002	
		6,370,561		Allard, et al.	04-09-2002	
		2003/0009567		Farouk	01-09-2003	
		2003/0018827		Gutherie, et al.	01-23-2003	
		5,748,890		Goldberg, et al.	05-05-1998	
		6,205,480		Broadhurst, et al.	03-20-2001	
		6,460,141		Olden	10-01-2002	
		6,014,666		Helland, et al.	01-11-2000	
		6,487,665		Andrews, et al.	11-26-2002	
		5,961,601		Iyengar	10-05-1999	

RECEIVED

DEC 04 2003

Technology Center 2100

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
			WO 98/21651		Walker, Joseph E.	05-22-1998	
			WO 98/44695		Ferris, Michael, et al.	10-09-1998	
			WO 99/34288		Ouellette, Christopher J.	07-08-1999	
			01111679 A2		Phillips	12-18-2000	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

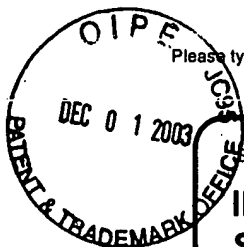
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box → ☐

+

Substitute for form 1449B/PTO		Complete If Known	
		Application Number	09/899,539
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	07/06/2001
		First Named Inventor	Ebbo
		Group Art Unit	2153
		Examiner Name	Burgess, Glenton B.
		Attorney Docket Number	MS1-1586US
Sheet	3	of	5

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		WU, DAPENG; HOU, YIWCI THOMAS; ZHANG, YA-QIN; "Scalable Video Transport over Wireless Networks"; IEEE 2000; pages 1185 - 1191	
		DOBSON, RICK; "Data Binding in Dynamic HTML"; DBMS March 1998 pages 47-52	
		PENN, GERALD; HU, JIANYING; LUO, HENGBIN; McDONALD, RYAN; "Flexible Web Document Analysis for Delivery to Narrow-Bandwidth Devices"; IEEE 2001; pages 1074-1078	
		ESPOSITO, DINO; "Heaven Sent"; Developer Network Journal issue 23 March/April 2001 pages 18-24	
		HOVANES, MICHAEL E.; DEAL, JOHN R. GRIZZ; ROWBERG, ALAN H.; "Seamless Multiresolution Display of Portable Wavelet-Compressed Images" Journal of Digital Imaging, vol 12, no 2, suppl 1 (May), 1999, pp 109-111	
		INGHAM; DAVID B; "W3Objects: A Distributed Object-Oriented Web Server" Object-Oriented Web Servers and data Modeling Workshop, Sixth International World Wide Web Conference, 4/7/1997, Santa Clara, CA 4 pages	
		KUNZ, T.; EL SHENTENAWY, M.; GADDAH, A.; HAFEZ, R.; "Image Transcoding for Wireless WWW Access: The User Perspective; Multimedia Computing and Networking 2002, Proceedings of SPIE vol 467 (2002) pages 28-33	
		"OOP Launches Hammock at JavaOne" http://www.oop.com/pr2000_06_08.jsp?gui=Plain June 8, 2000, 1 page	
		"Hammock: Think of it as Swing for the Web"; 7/14/2000; 10 pages	
		HAMMOND, ERIC "Hammock Swings through Web interfaces" www.infoworld.com/articles/mt/xml/00/07/17/000717mthammock.xml ; 7/14/2000; 3 pages	
		DUAN, NICK N.; "Distributed Database Access in a Corporate Environment Using Java" Bell Atlantic Corporation; 1996; 8 pages	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box → ☐

RECEIVED
DEC 04 2003
Technology Center 2100

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/899,539
		Filing Date	07/06/2001
		First Named Inventor	Ebbo
		Group Art Unit	2153
		Examiner Name	Burgess, Glenton B.
		Attorney Docket Number	MS1-1586US
Sheet	4	of	5

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		NADAMOTO, AKIYO; KONDO, HIROYUKI; TANAKA, KATSUMI; "WebCarousel: Restructuring Web Search Results for Passive Viewing in Mobile Environments" IEEE 2001 page 164-165	
		Developing ASP-Based Applications: Microsoft 1996, 5 pages	
		"ColdFusion: Web Application Server"; Allair Corp; www.allair.com; 1995-1999	
		"Altergo Networks Introduces First Mobile Web Server for Enterprises, Telcos and Providers"; Redwood City, CA; 11/14/2000; 3 pages	
		"Bluestone Software Lays Foundation for Internet Operating Environment with Total-E-Server...." Screaming Media, Business Wire; 6/5/2000; 3 pages	
		STEWART, TONY; "The Document as Application: Issues and Implications" GCA XML Europe 1999; pages 575-599	
		FRANKLIN, KEITH; "Supercharge Data Binding"; Visual Basic Programmer's Journal, March 2000; 7 pages	
		SHAPIRO, MARC; "A Binding Protocol for Distributed Shared Objects" Presented at 14th International Conference on Distributed Comp. Sys.; June 21-24 1994; 17 pages	
		"Best Practices for Creating Adaptive User Interfaces with the Mobile Internet Toolkit"; Microsoft Corporation, January 2002; 15 pages	
		"Best Practices for the Microsoft Mobile Internet Toolkit Image Control"; Microsoft Corporation, February 2002	
		MARSHALL, JAMES; "HTTP Made Really Easy: A Practical Guide to Writing Clients and Servers"; August 15, 1997; 14 pages	

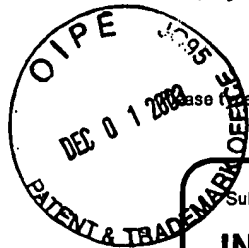
Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.





Place a plus sign (+) inside this box → ☐

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 5 of 5

Complete if Known

Application Number	09/899,539
Filing Date	07/06/2001
First Named Inventor	Ebbo
Group Art Unit	2153
Examiner Name	Burgess, Glenton B.
Attorney Docket Number	MS1-1586US

RECEIVED

DEC 04 2003

Technology Center 2100

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Chapter 3, "Mechanics of Developing JavaScript Applications"; Server-Side Javascript Guide; Online! 1999; pp 51-108 www.developer.netscape.com/docs/manuals/ssjs/1_4/ssjs.pdf	
		Chapter 6, "Session Mangement Service"; Server Side Javascript Guide; Online! 1999 pp 125-166 www.developer.netscape.com/docs/manuals/ssjs/1_4/ssjs.pdf	
		ANDERSON, RICHARD; HOMER, ALEX; HOWARD, ROB; SUSSMAN, DAVE; "A Preview of Active Server Pages+"; Copyright 2000, Wrox Press, Pages 1-73.	
		"HTML Encyclopaedia"; http://www.scit.wlv.ac.uk/encyc/form.html ; 1995; 2 pages	
		"A Brief History of Hypertext" Microsoft Corporation, 1996, 1 page	
		European Search Report 01111678.7-2201	
		European Search Report 01111680.3-2201	
		European Search Report 01111681.1-2201	
		European Search Report 01111682.9-2201	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.